

04-09-01

437PTO/SB/05 (12/97) OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.

008363.0109

Total  
Pages57, &  
2 Checks

First Named Inventor or Application Identifier

WATERMAN, John Karl

Express Mail Label No.

EL477922055US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

ASSISTANT COMMISSIONER FOR PATENTS

ADDRESS TO:

BOX PATENT APPLICATION  
WASHINGTON, D.C. 20231

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification Total Pages [ 39 ]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) Total Sheets [ 9 ]  
Total Pages [ 48 ]
4. ☒ Oath or Declaration
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy  
of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.
6. ☐ Microfiche Computer Program (Appendix)

## ACCOMPANYING APPLICATION PARTS

7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above  
copies
8. ☒ Assignment Papers
9. ☐ 37 CFR 3.73(b) Statement  
☒ Power of Attorney (when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449  
☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s)  
☐ Statement filed in prior application.  
Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☒ Other:
  - A. Check #731112 the amount of \$ 1,538.00  
for filing fee and extra claims;
  - B. Check #731111 in the amount of \$40.00 for  
Assignment Recordation.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

|         |                                              |           |              |          |              |
|---------|----------------------------------------------|-----------|--------------|----------|--------------|
| NAME    | PAUL N. KATZ (REG. NO. 35,917)               |           |              |          |              |
|         | BAKER BOTTS L.L.P. (PTO CUSTOMER NO. 023640) |           |              |          |              |
| ADDRESS | ONE SHELL PLAZA                              |           |              |          |              |
|         | 901 LOUISIANA STREET                         |           |              |          |              |
| CITY    | HOUSTON,                                     | STATE     | TEXAS        | ZIP CODE | 77002-4995   |
| COUNTRY | USA                                          | TELEPHONE | 713.229.1343 | FAX      | 713.229.7743 |

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**FEE TRANSMITTAL**NOTE: Effective October 1, 1997  
Patent fees are subject to annual revision

Complete if Known

Application Number

Filing Date

APRIL 6, 2001

First Named Inventor

WATERMAN, John Karl

Group Art Unit

Examiner Name

TOTAL AMOUNT OF PAYMENT

\$1,538.00; \$40.00  
(2 separate checks)Attorney Docket  
Number

068363.0109

## METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account No.: 02-0383

Deposit Account Name: Baker Botts L.L.P.

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☐
- Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

- 2.
- ☒
- Payment Enclosed:

☒ Checks (2) ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid  |
|----------------|-----------------|----------------|-----------------|------------------------|-----------|
| 101            | 710             | 201            | 380             | Utility filing fee     | \$ 710.00 |
| 106            | 310             | 206            | 155             | Design filing fee      | \$        |
| 107            | 480             | 207            | 240             | Plant filing fee       | \$        |
| 108            | 760             | 208            | 380             | Reissue filing fee     | \$        |
| 114            | 150             | 214            | 75              | Provisional filing fee | \$        |

SUBTOTAL (1) \$ 710.00

## 2. CLAIMS

Fee from  
Extra below  
Fee Paid

Total Claims [ 66 ] - 20 = [ 46 ] x [ 18. ] = \$ 828.00  
Independent Claims [ 3 ] - 3 = [ 0 ] x [ 80. ] = \$  
Multiple Dependent Claims [ ] = \$

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description                                         | Fee Paid |
|----------------|-----------------|----------------|-----------------|---------------------------------------------------------|----------|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                  |          |
| 102            | 80              | 202            | 39              | Independent claims in excess of 3                       |          |
| 104            | 270             | 204            | 130             | Multiple dependent claim                                |          |
| 109            | 78              | 209            | 39              | Reissue independent claims over original patent         |          |
| 110            | 18              | 210            | 9               | Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) \$ 828.00

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description                                                            | Fee Paid |
|----------------|-----------------|----------------|-----------------|----------------------------------------------------------------------------|----------|
| 105            | 130             | 205            | 65              | Surcharge - late filing fee or oath                                        | \$       |
| 127            | 50              | 227            | 25              | Surcharge - late provisional filing fee or cover sheet                     | \$       |
| 139            | 130             | 139            | 130             | Non-English specification                                                  | \$       |
| 147            | 2,520           | 147            | 2,520           | For filing a request for reexam                                            | \$       |
| 112            | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     | \$       |
| 113            | 1,840*          | 113            | 1,840*          | Requesting publication of SIR after Examiner action                        | \$       |
| 115            | 110             | 215            | 55              | Extension for reply within 1st month                                       | \$       |
| 116            | 380             | 216            | 190             | Extension for reply within 2nd month                                       | \$       |
| 117            | 870             | 217            | 435             | Extension for reply within 3rd month                                       | \$       |
| 118            | 1,360           | 218            | 680             | Extension for reply within 4th month                                       | \$       |
| 128            | 1,850           | 228            | 925             | Extension for reply within 5th month                                       | \$       |
| 119            | 300             | 219            | 150             | Notice of Appeal                                                           | \$       |
| 120            | 300             | 220            | 150             | Filing a brief in support of an appeal                                     | \$       |
| 121            | 260             | 221            | 130             | Request for oral hearing                                                   | \$       |
| 138            | 1,510           | 138            | 1,510           | Petition to institute a public use proceeding                              | \$       |
| 140            | 110             | 240            | 55              | Petition to revive - unavoidable                                           | \$       |
| 141            | 1,210           | 241            | 605             | Petition to revive - unintentional                                         | \$       |
| 142            | 1,210           | 242            | 605             | Utility issue fee (or reissue)                                             | \$       |
| 143            | 430             | 243            | 215             | Design issue fee                                                           | \$       |
| 144            | 580             | 244            | 290             | Plant issue fee                                                            | \$       |
| 122            | 130             | 122            | 130             | Petitions to the Commissioner                                              | \$       |
| 123            | 50              | 123            | 50              | Petitions related to provisional apps.                                     | \$       |
| 126            | 240             | 126            | 240             | Submission of Information Dis. Stmt.                                       | \$       |
| 581            | 40              | 581            | 40              | Recording each patent assignment per property (times number of properties) | \$ 40.00 |
| 146            | 760             | 246            | 380             | Filing a submission after final rejection (37 CFR 1.129(a))                | \$       |
| 149            | 760             | 249            | 380             | For each additional invention to be examined (37 CFR 1.129(b))             | \$       |

Other fee (specify) \_\_\_\_\_ \$

Other fee (specify) \_\_\_\_\_ \$

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 40.00

PLEASE NOTE: Two separate checks are enclosed for:  
Check #731112 \$1,528.00 Application Fee + Extra Claims  
Check #731111 \$ 40.00 Assignment Recordation Fee

Complete (if applicable)

Typed or Printed Name

PAUL N. KATZ

Registration Number

35,917

Signature

Paul N. Katz

Date

04/06/01

Deposit Account User ID